

Federal Aviation Administration – [Regulations and Policies](#)
Aviation Rulemaking Advisory Committee

Transport Airplane and Engine Issue Area
Systems Design and Analysis Harmonization Working Group
Task 3 – Harmonize 14 CFR Part 25.1301

Task Assignment

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[Notices]
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DEPARTMENT OF TRANSPORTATION
Federal Aviation Administration

Aviation Rulemaking Advisory Committee; Transport Airplane and
Engine Issues--New Task

AGENCY: Federal Aviation Administration (**FAA**), DOT.

ACTION: Notice of a new task assignment for the Aviation Rulemaking
Advisory Committee (ARAC).

SUMMARY: Notice is given a new task assigned to and accepted by the
Aviation Rulemaking Advisory Committee (ARAC). This notice informs the
public of the activities of ARAC.

FOR FURTHER INFORMATION CONTACT: Stewart R. Miller, Manager, Transport
Standards Staff, ANM-110, **FAA**, Transport Airplane Directorate, Aircraft
Certification Service, 1601 Lind Ave. SW., Renton, WA 98055-4056,
telephone (206) 227-2190, fax (206) 226-1320.

SUPPLEMENTARY INFORMATION:

Background

The **FAA** has established an Aviation Rulemaking Advisory Committee
to provide advice and recommendations to the **FAA** Administrator, through
the Associate Administrator for Regulation and Certification, on the
full range of the **FAA**'s rulemaking activities with respect to aviation-
related issues. This includes obtaining advice and recommendations on
the **FAA**'s commitment to harmonize its Federal Aviation Regulations
(FAR) and practices with its trading partners in Europe and Canada.

One area ARAC deals with is Transport Airplane and Engine issues.
These issues involve the airworthiness standards for transport category
airplanes in 14 CFR parts 25, 33, and 35 of the FAR and parallel
provisions in 14 CFR parts 121 and 135 of the FAR. The corresponding
European airworthiness standards for transport category airplanes are
contained in Joint Aviation Requirements (JAR)-25, JAR-E, and JAR-P,
respectively. The corresponding Canadian Standards are contained in
Chapters 525, 533 and 535 respectively.

The Task

This notice is to inform the public that the **FAA** has asked ARAC to
provide advice and recommendation on the following harmonization task:

System Design and Analysis Harmonization and Technology Update. Review Sec. 25.1309, JAR paragraph 25.1309, the associated Advisory Circular 25.1309-1A, and Advisory Circulars Joint Numbers 1 through 8. In light of this review, recent experience in applying Sec. / paragraph 25.1309 of the FAR and of the JAR, and the implications of new technology, harmonize Sec. /paragraph 25.1309 and revise the associated guidance material in Advisory Circular 25.1309-1A, Advisory Material Joint 25.1309, and Advisory Circulars Joint Numbers 1 through 8 as necessary. In addition to the general task of harmonizing the wording and application of Sec. /paragraph 25.1309, attention should be given to airplane level safety assessment, instructions for continued airworthiness of fault tolerant systems, use of operational factors in the safety assessment process, and acceptable methods for showing compliance with Sec. /paragraph 25.1309. Review wording and application of Sec. /paragraph 25.1301 and revise if necessary, such that non-safety related equipment, such as passenger entertainment devices, etc. are not required to meet their specifications for intended function.

The **FAA** has also asked that ARAC determine if rulemaking action (e.g., NPRM, supplemental MPRM, final rule, withdrawal) should be taken, or advisory material should be issued or revised. If so, ARAC has been asked to prepare the necessary documents, including economic analysis, to justify and carry out its recommendation(s).

ARAC Acceptance of Task

ARAC has accepted this task and has chosen to assign it to the existing Systems Design and Analysis Harmonization Working Group. The working group will serve as staff to ARAC to assist ARAC in the analysis of the assigned task. Working group recommendations must be reviewed and approved by ARAC. IF ARAC accepts the working group's recommendations, it forwards them to the **FAA** as ARAC recommendations.

Working Group Activity

The System Design and Analysis Harmonization Working Group is expected to comply with the procedures adopted by ARAC. As part of the procedures, the working group is expected to:

1. Recommended a work plan for completion of the tasks, including rationale supporting such a plan, for consideration at the meeting of ARAC to consider Transport Airplane and Engine Issues held following publication of this notice.
2. Give a detailed conceptual presentation of the proposed recommendations, prior to proceeding with the work stated in items 3 below.
3. For each task, draft appropriate regulatory documents with supporting economic and other required analyses, and/or any other related guidance material or collateral documents the working group determines to be appropriate; or, if new or revised requirements or compliance methods are not recommended, a draft report stating the rationale for not making such recommendations.
4. Provide a status report at each meeting of ARAC held to consider Transport Airplane and Engine Issues.

Participation in the Working Group

The Systems Design and Analysis Harmonization Working Group is composed of experts having an interest in the assigned task. A working group member need not be a representative of a member of the full committee.

An individual who has expertise in the subject matter and wishes to become a member of the working group should write to the person listed under the caption FOR FURTHER INFORMATION CONTACT expressing that desire, describing his or her interest in the tasks, and stating the expertise he or she would bring to the working group. The request will be reviewed by the assistant chair, the assistant executive director, and the working group chair, and the individual will be advised whether or not the request can be accommodated.

The Secretary of Transportation has determined that the formation and use of ARAC are necessary and in the public interest in connection with the performance of duties imposed on the **FAA** by law.

Meetings of ARAC will be open to the public, except as authorized by section 10(d) of the Federal Advisory

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Committee Act. Meetings of the Systems Design and Analysis Harmonization Working Group will not be open to the public, except to the extent that individuals with an interest and expertise are selected to participate. No public announcement of working group meetings will be made.

Issued in Washington, DC, on May 14, 1996.
Chris Christie,
Executive Director, Aviation Rulemaking Advisory Committee.
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Analysis completed; no recommendation resulted.

FAA Action – Not Available